

ACC NR: AP6032425

SOURCE CODE: UR/0103/66/000/009/0040/0047

AUTHOR: Liptser, R. Sh. (Moscow); Tsim, I. V. (Moscow)

ORG: none

TITLE: Solving the problems of dual-mode control with continuous time

SOURCE: Avtomatika i telemekhanika, no. 9, 1966, 40-47

TOPIC TAGS: dual mode control, automatic control system, automatic control R  
and D

ABSTRACT: A class is considered of dual-mode control systems describable by:  
 $\dot{x}_t = a(x_t, u_t, \mu, t) + b_1(x_t, u_t, \mu, t)\xi_t$ , where  $x_t$  - plant output variable inaccessible for observation,  $x_0$  - initial value (random, with specified distribution),  $y_t$  - observable quantity,  $\mu$  - unknown constant parameter,  $u_t$  - control,  $a, \varphi, b_1$  - known functions. Noise  $\xi_t$  affects the plant; noise  $\eta_t$ , the

UDC: 62-502

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ACC NR: AP6032425

observable channel; each is a truncated white noise. The block diagram corresponding to the above equations is shown (see figure). The above equations are replaced with "ideal" stochastic differential equations after K. Ito (Mem. Amer. Math. Soc., no. 4, 1951). The problem of controlling a plant, in the presence of noise and with only incomplete data about the plant available, is solved by resorting to an equation of evolution of a-posteriori probability density. Two examples are given. Orig. art. has: 2 figures and 44 formulas.

SUB CODE: 13, 09 / SUBM DATE: 02Aug65 / ORIG REF: 010 / OTH REF: 004

Card 2/2

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIPTSIN, Feliks Grigor'yevich; VORONKOVA, L.V., red.

[Air conditioning] Konditsionirovaniye vozdukh. Kiev,  
Budivel'nyk, 1965. 26 p. (MIRA 18:6)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

S/081/62/000/016/039/043  
B171/B186

AUTHORS: Liptsina, A. I., Shenberg, B. V.

TITLE: A new instrument for controlling alcoholysis during the manufacture of modified glyptal resins

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 16, 1962, 551, abstract 16P299 (Lakokrasochnye materialy i ikh primeneniye, no. 6, 1961, 77 - 78)

TEXT: The operation of the instrument is based on the changes that occur in the electric resistance of the mixture of substances taking part in the reaction. The side wall of a 3-liter reactor is fitted with a probe composed of 2 insulated steel plates (50..60 mm) placed 10 mm apart. Marble is used as insulating material. The probe is connected through a transformer (voltage: 6 v) to alternating current mains. The circuit includes also a microamperemeter with a ДГУ-26 (DGTS-26) rectifier and a potentiometer. The authors give a diagram of the instrument and a typical graph illustrating resistance variations of a mixture of reactants subjected to alcoholysis. [Abstracter's note: Complete translation] ✓

Card 1/1

LIPTUGA, I.V., inzh.; MIROSHNICHENKO, A.G., inzh.; NEMCHENKO, G.V., inzh.;  
KIPER, I.K., inzh.

Obtaining high-strength cast iron by smelting in cupola furnaces  
with a mixture of thermoanthracite and coke. Mashinostroenie  
(MIRA 18\*6)  
no. 3\*26-27 My-Je '65.

L 17958-65

EWT(m)/EPP(c)/EWP(j)

RC-4/PR-4

PM

S/0079/64/034/008/2812/2812

ACCESSION NR: AP5002626

AUTHOR: Kirсанов, А. В.; Деркач, Г. И. Липтуга, Н. И.

TITLE: Derivatives of N-phosphorylated iminocarbonic acids

SOURCE: Zhurnal obshchey khimii, v. 34, no. 8, 1964, 2812

TOPIC TAGS: phosphoric acid, formic acid, chlorinated organic compound, chloride, ester, carbonic acid

**Abstract:** Dichlorides of N-phosphorylated iminocarbonic acids, synthesized by chlorination of diesters of isothiocyanatophosphoric acids, react vigorously with alcohols, phenolates, and amines, forming the corresponding diesters and diamides of N-phosphoryliminocarbonic acid. Isocyanates of dialkylphosphoric acids are obtained with anhydrous formic acid. The action of phosphorus pentachloride on dichlorides of N-alkylphosphonoimino-carbonic acids produces N-dichlorophosphonoiminophosgene. (fig. 1).  
7

ASSOCIATION: Institut organicheskoy khimii Ukrainskoj Akademii nauk (Institute of Organic Chemistry, Ukrainian Academy of Sciences)

Card 1/2

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

L 17958-65  
ACCESSION NR: AF5002626

SUBMITTED: 10Mar64	ENCL: 00	SUB CODE: OC, GO
NO REF SOV: 002	CTHER: 000	JPRS

Card 2/2

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

DERKACH, G.I.; SLYUSARENKO, Ye.I.; LIBMAN, B.Ya.; LIPTUGA, N.I.

Diisocyanates and diisothiocyanates of alkylphosphonic acids.  
Zhur. ob. khim. 35 no.10:1881-1882 O '65. (MIRA 18:10)

1. Institut organicheskoy khimii AN UkrSSR.

ACC NR: AP6027089

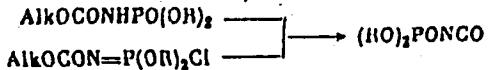
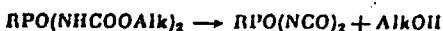
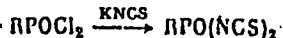
SOURCE CODE: UR/0079/65/035/010/1881/1882

AUTHOR: Derkach, G. I.; Slyusarenko, Ye. I.; Libman, B. Ya.; Liptuga, N. I.

ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii  
AN UkrSSR)

TITLE: Siisocyanates and diisothiocyanates of alkylphosphonic acids

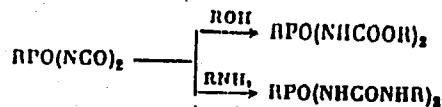
SOURCE: Zhurnal obshchey khimii, v. 35, no. 10, 1965, 1881-1882

TOPIC TAGS: cyanate, phosphonic acid, thermal decomposition, chemical decomposition,  
phosphoric acid, thermal decomposition, chemical decomposition, phosphoric acid,  
thiocyanate, potassium compound, reaction rate, ureaABSTRACT: It was shown earlier that the thermal decomposition of  
esters of diaryloxy(dialkoxy)chlorophosphazocarylic acids and  
diesters of urethane phosphoric acids yields diesters of isocyanato-  
phosphoric acid:Under similar conditions, dicarbethoxy diamides of alkylphosphonic  
acids form diisocyanates of alkylphosphonic acids:Diisothiocyanates of alkylphosphonic acids are obtained in good  
yields by the reaction of alkylphosphonic acid dichlorides with  
potassium thiocyanate:UDC: 547.241  
090

Card 1/2

ACC NR: AP6027089

Diisocyanates and diisothiocyanates of alkylphosphonic acids react vigorously with alcohols, phenols, and amines to form the corresponding phosphorylated urethanes and ureas:



Orig. art. has: 1 table. [JPRS: 36,328]

SUB CODE: 07 / SUBM DATE: 06May65 / ORIG REF: 003

Card 2/2, 11/14

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930110002

L 34127-66 EWT(1)/EWT(m)/EWP(j) RO/RM  
ACC NR: AP6025540

SOURCE CODE: UR/0079/66/036/001/0162/0163

AUTHOR: Ivanova, Zh. M.; Liptuga, N. I.; Stukalo, Ye. A.; Derkach, G. I.

ORG: Institute of Organic chemistry, AN UkrSSR (Institut organicheskoy khimii  
AN UkrSSR)

TITLE: Isothiocyanates of alkyl esters of methylphosphonic acid and their derivatives

SOURCE: Zhurnal obshchey khimii, v. 36, no. 1, 1966, 162-163

TOPIC TAGS: ester, phosphate, phosphorylation, chlorination reaction rate,  
chemical synthesis

ABSTRACT: Chlorides of alkyl esters of methylphosphonic acid, like dialkyl chloro-phosphates, react with potassium thiocyanate to form isothiocyanates of alkyl esters of methylphosphonic acids. These isothiocyanates may be chlorinated to yield dichlorides of monoalkylmonoethylphosphorylindocarbonic acid. Both series of reaction products react vigorously with alcohols, phenols, ammonia and amines to form the corresponding phosphorylated derivatives of thioureas and imidocarboxylic acid. Four isothiocyanates and two dichlorides were synthesized and characterized. Orig. art. has: 1 table. [JPRS: 35,998]

SUB CODE: 07 / SUBM DATE: 12Jul65 / ORIG REF: 002

Card 1/1 00

0079/66/036/001/0162/0163

ROKOTYAN, Ye.S., doktor tekhn.nauk, prof.; ZHUKOVICH-STOSHA, Ye.A.;  
SOLOV'YEV, O.P.; LYAMIN, G.N.; SAPOZHNIKOV, A.Ya.; LIPUKHIN,  
V.A.; KOGOS, A.N.; ISTOMIN, A.V., retsenzent; KARPMEN, N.N.,  
[red.]; PODCHUFAROVA, S.I., red.; KOGAN, F.L., tekhn.  
red.

[Modern rolling mills abroad] Sovremennye prokatnye stany  
za rubezhom. Moskva, 1962. 419 p. (MIRA 16:8)

1. Moscow. TSentral'nyy institut nauchno-tehnicheskoy in-  
formatsii mashinostroyeniya. (Rolling mills)

KOSHKA, A.P.; PEDOS, I.F.; LIPUKHIN, V.A.

Designing continuous units for pickling. Metallurg 9  
no.9:25-27 S '64. (MIRA 17:10)

1. Novolipetskiy metallurgicheskiy zavod (for Koshka, Pedos).
2. Gosudarstvennyy komitet tyazhelogo energeticheskogo i transportnogo mashinostroyeniya (for Lipukhin).

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIPUKHIN, Vasiliy Antonovich

[Sheet rolling in capitalist countries] Listoprokatnoe  
proizvodstvo v kapitalisticheskikh stranakh. Moskva, Izd-  
vo Metallurgija, 1964. 204 p. (MIRA 17:7)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIPUKHIN, V.A.

Modern continuous and semicontinuous sheet mills for hot rolling.  
Metallurg 9 no.3:33-35 Mr '64. (MIRA 27:3)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIFUNOV, A.D., inzh.

Operation of a group-type power regulating system in the  
Kakhovka Hydroelectric Power Station. Elek.sta. 33 no.11:32-34  
N '62. (MIRA 15:l2)  
(Kakhovka Hydroelectric Power Station)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LIPUNOV, A.D., inzh.

Use of group excitation regulation of generators in the Kakhovsk  
Hydroelectric Power Station. Elek. sta. 34 no.8:36-39 Ag '63.  
(MIRA 16:11)

LIPUNOV, A.D., inzh.

Adjustment and operation of the automatic control system of a  
combiner wedge according to pressure. Elek. sta. 36 no.2:26-29  
F '65. (MIRA 18:4)

LIPUNOVA, P.V.

Use of diodynamic currents in the pain syndrome following surgery  
for hernia of the lumbar disks. Trudy 1-go MMI 38:353-355 '65.

Use of ultrasound in the pain syndrome. Ibid. 356-5c.

Rheovasography as a method of control in the treatment with dia-  
dynamic currents of the pain syndrome following surgery for hernia  
of lumbar disks. Ibid.:281-283  
(MIRA 18:10)

LIPUNOVA, P.V.

Use of intermittent low frequency currents (current from  
the Bernard apparatus) in pain syndromes. Zhur. nevr. i  
psikh. 62 no.2:246-247 '62. (MIRA 15:6)

1. Klinika nervnykh bolezney (ispolnyayushchiy obyazannosti  
direktora - dotsent S.A. Mel'nikov) I Moskovskogo ordena Lenina  
meditsinskogo instituta.  
(ELECTROTHERAPEUTICS)  
(PAIN)

LIPUNOVA, P.V.

Treatment of lumbosacral radiculitis by a diodynamic current.  
(currents of Bernard's apparatus). Trudy 1-go MFTI 248338-343  
(MIRA 17:3)  
'63

LIPUS, K.

Research problems in the construction of a machine for harvesting  
hops. p. 165.  
SBORNIK RADA MECHANISACE A ELEKTRIFIKACE SEMEDELSTVI A LESNICTVI  
Vol. 28, no. 2/3, Sept. 1955  
Czechoslovakia

SOURCE: EREAL, Vol. 5, no. 7, July 1956

LIPUS, K.

Experiences in the mechanized harvesting of hops. p.31.  
Beseda Venkovske Rodiny, Vol. 30, No. 1, Feb. 1957, Praha

ORSICH, P.V.; SOKOLOV, M.I.; LIPYAGOV, K.V.

Operation of track-laying machines at peat enterprises. Torf.prom. 30  
(MIRA 6:7)  
no.8:6-11 Ag '53.

1. Torfopredpriyatiye Nasiya (for Orsich). 2. Yaroslavskiy torfotrest  
(for Sokolov). 3. Ivanovskiy torfotrest (for Lipyagov).  
(Peat industry) (Railroads--Track)

KRASIKOV, I.P.; LIPYAGOV, K.V.

Improve the organization of peat transportation. Terf.prom.33 no.6:  
4-5 '56. (MLRA 9:10)

1.Komsomel'skiy terfetransport (for Krasikov).2.Ivgestorf (for Lipya-  
gov).  
(Peat--Transportation)

AVDUSHEVA, M.P.; VOSTRIKOVA, T.A.; LIPYANSKAYA, R.S.; SHIYAN, K.K.: Prinimali  
uchastiye: ANTONETS, L.G., nauchnyy sotrudnik; BELENKINA, S.G.,  
nauchnyy sotrudnik; YEVLANOV, V.D., nauchnyy sotrudnik; SHAIN, B.S.,  
nauchnyy sotrudnik; LYCHAGIN, N.S. SKAB, A.D., kand. istor.nauk, red.;  
VORONINA, V.M., red.; SHEVCHENKO, M.G., tekhn.red.

[History of the Kharkov Locomotive Plant from 1895 to 1917; collected  
documents and materials] Iстория Khar'kovskogo parovozostroitel'nogo  
zavoda, 1895-1917 gg.; sbornik dokumentov i materialov. Khar'kov,  
Khar'kovskoe obl.izd-vo, 1956. 378 p. (MIRA 14:1)

1. Kharkov. (Province) Gosudarstvennyy arkhiv. 2. Gosudarstvennyy  
arkhiv Khar'kovskoy oblasti (for Antonets, Belenkina, Yevlanov, Shain).  
(Kharkov--Locomotives--Construction)

ZAYTSEVA, S.S.; LIPYAN, K.N.

Prophylaxis and treatment of fungous diseases in Chardzhou Province. Zdrav.Turk. 2 no.1:44-45 Ja-Y '58. (MIRA 12:6)

1. Iz Chardzhouskogo oblastnogo kozhno-venerologicheskogo dispansera (glavnnyy vrach - S.S.Zaytseva).  
(CHARDZHOU PROVINCE--DERMATOMYCOSIS)

LIFYAVKIN, Aleksandr Fedorovich, dotsent, kand. tekhn. nauk; BORISENKO, Georgiy Fedors'yevich, arkhitector; NIKOL'SKIY, A.K., dots., kand. tekhn. nauk, nauchnyy red.; SHIROKOVA, G.M., red.izd-va; MOCHALINA, Z.S., tekhn. red.

[Apartment houses built of silicate and mesh-reinforced silicate blocks without cement] Stroitel'stvo bestsementnykh zhilykh domov iz silikatnykh i armosilikatnykh blokov. Mo-skva, Gosstroizdat, 1962. 56 p. (MIRA 15:11)  
(Sand-lime blocks)  
(Volgograd—Apartment houses)

LIR,Yu.S., kandidat ekonomicheskikh nauk

Economic aspects as a decisive factor in drawing up plans for the development of underground and open pit coal mines. Ugol' 30 no.8:26-28 Ag'55. (MLRA 8:10)

1. Sredazgiproshakht  
(Coal mines and mining)

LIR, Yu.S.

Problems in the methodology of price formation in the coal industry.  
Gor. i ekon. vop. razrab. ugol'. i rud. mest. no.1:310-~~122~~ '62.

(MIRA 16:7)

(Coal--Prices)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIR, Yu.S., kand. ekon. nauk.

Reorganizing Donets Basin mines. Ugol' 33 no. 6:41-43 Je '58.  
(Donets Basin--Mine management) (MIREA 11:6)

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CIA-RDP86-00513R000930110002-5"

LIR, Yu.S., kand. ekonomiceskikh nauk; MARCHENKO, P.K., inzh.

Calculated prices for coal are the most important factors in commercial accounting at enterprises of the coal industry. Nauch. soob. IGD 20:89-92 '63. (MIRA 16:10)

(Coal--Prices)

BOYKO, A.A., red.; BURSHTEYN, G.Ya., doktor ekon. nauk, retsenzent; LIR, Yu.S., kand. ekon. nauk, retsenzent; SKOGOREV, V.A., retsenzen'; SIMONOVA, I.Ya., retsenzent; GOLUBYATNIKOVA, G.S., red.izd-va; IL'INSKAYA, G.M., tekhn. red.; LAVRENT'YEVA, L.O., tekhn. red.

[Planning in the coal industry; a manual for preparing the technical, industrial and financial plan] Planirovanie v ugol'-noi promyshlennosti; spravochnik po razrabotke Tekhpromfinplana. Moskva, Gosgortekhizdat, 1963. 342 p. (MIRA 16:12) (Coal mines and mining—Management)

LIR, Yu.V.

Genesis of cross veins in the Galimovo tin ore deposit. Geol.  
rud. mestorozh. 7 no.3:97-103 My-Je '65. (MIRA 18:7)

1. Leningradskiy gornyy institut.

SOKOLOV, V.A.; LIREL'SKAYA, G.F.

Distribution of some chemical elements in Proterozoic terrigenous  
carbonate strata of the Suoyarvi region, Karelia. Izv. Kar. i Kol'.  
fil. AN SSSR no.2:94-97 '58. (MIRA 11:9)

1.Otdel regional'noy geologii laboratoriya spektral'nogo analiza  
Karel'skogo filiala AN SSSR.  
(Suojarvi region--Rocks, Sedimentary)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRIN, B. V.

26622 Elektrokardiograficheskie dannye o vliyanii tsentral'noy nervnoy sistemy na elektricheskie protsessy serditsa. Trudy fak. Terapent. Kliniki (Ivan, gos. med. in-T), vyp. 3., 1949, s. 29-35.

SO: LETOPIS' NO. 35, 1949

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LIRIN, V.N., inzh.

Study of a new network for cascade connection of an induction motor. Izv.vys.ucheb.zav.; energ. 8 no.4:37-44 Ap '65.  
(MIRA 18:4)

1. Ivanovskiy energeticheskiy institut imeni V.I.Lenina.  
Predstavlena kafedroy obshchey elektrotekhniki.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

YELISEYEVA, A.M., doktor med.nauk; SEROVA, G.A.; LIRINA, T.B.

Treatment of stenocardia with nitranol. Vrach.delo no.7:755  
Jl '59. (MIRA 12:12)

1. Kafedra fakul'tetskoy terapii (zav. - doktor med.nauk A.M.  
Yeliseyeva) Ivanovskogo meditsinskogo instituta i Olbastnaya kli-  
niceskaya bol'ница.  
(ANGINA PECTORIS) (ETHANOL)

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CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

KUROCHKIN, K.T.; BAUM, B.A.; FEDOTOV, G.K.; LIRMAN, A.M.; ROSHCHEKTAYEV, V.I.

Hydrogen in acid steel made from a liquid semifinished product,  
Trudy Ural. politekh. inst. no.116:65-75 '61. (MIRA 16:6)  
(Steel—Metallurgy) (Steel—Hydrogen content)

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CIA-RDP86-00513R000930110002-5"

LIRMAN, A.M.

85-

PHASE I BOOK EXPLOITATION

SOV/5556

Moscow. Institut stali.

Novoye v teorii i praktike proizvodstva martenovskoy stali (New [Developments] in the Theory and Practice of Open-Hearth Steelmaking) Moscow, Metallurgizdat, 1961. 439 p. (Series: Trudy Mezhdunarodnogo nauchnogo soveshchaniya) 2,150 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RJSFSR. Moskovskiy institut stali imeni I. V. Stalina.

Eds.: M. A. Clinkov, Professor, Doctor of Technical Sciences, V. V. Kondakov, Professor, Doctor of Technical Sciences, V. A. Kudrin, Docent, Candidate of Technical Sciences, G. N. Oyks, Professor, Doctor of Technical Sciences, and V. I. Yavovskiy, Professor, Doctor of Technical Sciences; Ed.: Ye. A. Borko; Ed. of Publishing House: N. D. Gromov; Tech. Ed.: A. I. Karasev.

PURPOSE: This collection of articles is intended for members of scientific institutions, faculty members of schools of higher education, engineers concerned with metallurgical processes and physical chemistry, and students specializing in these fields.

Carri 1/4

New [Developments] in the Theory (Cont.)

SOV/5556

COVERAGE: The collection contains papers reviewing the development of open-hearth steelmaking theory and practice. The papers, written by staff members of schools of higher education, scientific research institutes, and main laboratories of metallurgical plants, were presented and discussed at the Scientific Conference of Schools of Higher Education. The following topics are considered: the kinetics and mechanism of carbon oxidation; the process of slag formation in open-hearth furnaces using in the charge either one-lime briquettes or composite flux (the product of calcining the mixture of lime with bauxite); the behavior of hydrogen in the open-hearth bath; metal desulfurization processes; the control of the open-hearth thermal melting regime and its automation; heat-engineering problems in large-capacity furnaces; aerodynamic properties of fuel gases and their flow in the furnace combustion chamber; and the improvement of high-alloy steel quality through the utilization of vacuum and natural gases. The following persons took part in the discussion of the papers at the Conference: S.I. Filippov, V.A. Kudrin, M.A. Glinkov, B.P. Nam, V.I. Yavovskiy, G.N. Oyks, and Ye. V. Chelishchev (Moscow Steel Institute); Ye. A. Kazachkov, and A.S. Kharitonov (Zhdanov Metallurgical Institute); N.S. Mikhaylets (Institute of Chemical Metallurgy of the Siberian Branch of the Academy of Sciences USSR); A.I. Stroganov, and D. Ya. Povolotskiy (Chelyabinsk Polytechnic Institute); P.V. Umrikhin (Ural Polytechnic Institute); I.I. Fomin (the Moscow "Serp i molot" Metallurgical Plant); V.A. Fuklov (Central Asian Polytechnic Institute).

Card 2/14

New [Developments] in the Theory (Cont.)

SOV/5556

and M.I. Beylinov (Night School of the Dneprodzerzhinsk Metallurgical Institute).  
References follow some of the articles. There are 268 references, mostly Soviet.

## TABLE OF CONTENTS:

## Foreword

5

Yavovskiy, V. I. [Moskovskiy institut stali - Moscow Steel Institute].  
Principal Trends in the Development of Scientific Research in Steel  
Manufacturing

7

Filippov, S. I. [Professor, Doctor of Technical Sciences, Moscow Steel  
Institute]. Regularity Patterns of the Kinetics of Carbon Oxidation  
in Metals With Low Carbon Content

15

[V. I. Antonenko participated in the experiments]

Levin, S. L. [Professor, Doctor of Technical Sciences, Dnepropetrovskiy  
metallurgicheskiy institut - Dnepropetrovsk Metallurgical Institute].

Card 3/14

New [Developments] in the Theory (Cont.)	807/5556	26
Kapustin, Ye. A. [Docent, Candidate of Technical Sciences, Zhdanov Metallurgical Institute]. Aerodynamic Properties of Fuel Gases and Their Flow in the Combustion Chamber of an Open-Hearth Furnace	271	
Kudrin, V.A. [Docent, Candidate of Technical Sciences], O.N. Oyks, O.D. Petronko, A.A. Yudson, Yu. M. Nechkin, B.P. Nam, [Engineers], I.I. Ansheles [Docent, Candidate of Technical Sciences], R.M. Ivanov [Candidate of Technical Sciences], and V.P. Adrianova [Engineer]. Special Features of Making High-Quality Steel in Natural-Gas-Fired Open-Hearth Furnaces	280	
Butakov, D.K. [Docent], L.M. Mel'nikov [Engineer], A.M. Lirman, V.D. Budenny, P.F. Babich, and A.I. Sinkevich [Ural Polytechnic Institute, Zavod im. Ordzhonikidze Chelyabinskogo sovnarkhoza - Plant imeni Ordzhonikidze of the Chelyabinsk Sovnarkhoz]. Special Features of Making Steel in Open-Hearth Furnaces With Magnesite-Chromite [Brick] Roofs	290	
Kudrin, V.A., Yu. M. Nechkin, Ye. I. Tyurin [Candidate of Technical Sciences]; and Ye. V. Abrosimov [Moscow Steel Institute]. The Acid Open-Hearth Process	299	

Card 10/14

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

MEL'NIKOV, L.M., inzh.; BABICH, P.P., inzh.; BUDENNYY, V.D., inzh.;  
LIRMAN, A.M., inzh.

Dependence of steel smelting processes on heat transmission in  
open-hearth furnaces. Trudy Ural. politekh. inst. no. 91:47-55 '60.  
(MIRA 14:2)  
(Open-hearth process) (Heat—Transmission)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LIRMAN, A.V. (Sverdlovsk)

Mechanism of paradoxal disorders of cardiac conductivity (Wolff-Parkinson-White syndrome. Klin.Med. 34 no.5:60-69 My '56.  
(HEART BLOCK. (MLRA 9:10)  
Wolff-Parkinson-White synd. (Rus))

LIRMAN, A.V. (Sverdlovsk)

"Cardiac rhythms and disturbances" by A.M. Sigal. Reviewed by A.V.  
Lirman. Terap.arkh. 31 no.10:91-94 O '59. (MIRA 13:3)  
(HEART) (SIGAL, A.M.)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRMAN, A. V., Cand Med Sci (diss) -- "Material on the theory of paradoxal disorders of intracardiac conduction (the wolff-Parkinson-White syndrome) (Clinical-experimental investigation)". Sverdlovsk, 1960. 24 pp (Min Health RSFSR, Sverdlovsk State Med Inst), 300 copies (KL, No 11, 1960, 138)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

AUTHORS: Sokolovskiy V.I., Gashukov V.S., Candidates of Technical  
Science, and Lirman M.V., Engineer  
SOV/133-58-12-10/19

TITLE: An Experimental Investigation of Cold Rolling of Tubes  
(Eksperimental'noye issledovaniye kholodnoy prokatki  
trub)

PERIODICAL: Stal', 1958, Nr 12, pp 1112-1117 (USSR)

ABSTRACT: A cold rolling tube mill (KhPT-E 150) with a new lighter  
stand designed by UZTM (nearly twice lighter than in the  
KhPT-75 stand) was investigated. The mill was rolling  
150 mm semis. The use of the stand of a new design and  
rolling of semis of a large diameter necessitated an  
experimental check of stresses and operating ability of  
the individual parts and assemblies of the mill. The  
method of carrying out the tests is described in some

Card 1/2

SOV/133-58-12-10/19

An Experimental Investigation of Cold Rolling of Tubes

detail. It was found that for heavy duty rolling the mill girdles should be somewhat strengthened.

There are 11 figures and 4 tables.

ASSOCIATION: Ural'skiy politekhnicheskiy institut (Ural Polytechnical Institute)

Card 2/2

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

GASHUKOV, V.S.; PLOTNIKOV, V.S.; PODKORYTOV, A.B.; LIKMAN, M.V.

Investigating the performance of some units of the hyd-aulic system of the T-157 loader. Trudy Ural.politekh.inst. no.136: 112-119 '64. (MIRA 17:10)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

SOKOLOVSKIY, V.I., kand.tekhn.nauk; GASHUKOV, V.S.; LIPMAN, M.V., inzh.

Investigating the feed mechanism of mills for cold rolling of  
pipes. Trudy Ural.politekh.inst. no.101:68-85 '60. (MIRA 14:3)  
(Pipe mills) (Feed mechanisms)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LITVAN, N. M.

PA 34/49T98

UNSUB/Medicine - Pneumonia  
Medicine - Blood, Examination

Sep/Oct 48

"Changes in Carbon Anhydrase Content of Blood in Children With Pneumonia," N. M. Litman, Chair of Paediatrics of Children's Diseases, Sverdlovsk Med Inst, 2<sup>1</sup> pp

"Vop Ped i Okhran Mater i Det" Vol XVI, No 5

Activity of carbon anhydrase decreases depending on severity of pneumonic process and independently of the child's age. Increase of carbon anhydrase activity during convalescence depends on form of pneumonia and age of child.

34/49T98

USSR/Chemistry - Rubber

FD-2734

Card 1/1                    Pub. 50 - 15/20

Authors                    : Lirner, S. M., Chizhik, M. V., Przhebyl'skiy, M. I.

Title                      : Pressure molding of compounded rubber with the aid of a worm screw feeder

Periodical                : Khim. prom. No 5, 300, Jul-Aug 1955

Abstract                  : The design and operation of a device by means of which compounded rubber is fed into a mold are described. Pressure on the rubber is exerted by means of a worm screw which extrudes the rubber from the feeder into the mold. One figure.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

PIL'NIK, Petr Lavrent'yevich; LIRNER, Solomon Markovich; DYACHKO, I.P.,  
red.; YEDEL'MAN, N.L., tekhn.red.

[All should be designers] Konstruktory vsi. Kyiv, Kyiv's'ke obl.  
knyzhkovo-gazetne vyd-vo, 1960. 14 p.

(MIRA 14:1)

(Technological innovations)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRO, M., mgr. inz.

A viscometer for the determination of the lubricity of fibrous  
masses. Przegl. papier 18 no.7:236-237 J1 '62.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRO, M.

"On the air content of paper pulp suspensions" by W.Brecht,  
U.Kirschner. Reviewed by M.Liro. Przegl papier 18 no.10:  
336 0 '62.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LIRO, M.

"Influence of the yield of the pulp mass on the suitability  
of various raw materials for the production of carton cover  
corrugated cardboard" by J. Kubat, M. Sedivy. Reviewed by  
M. Liro. Przegl. papier 19 no.1:32 Ja '63.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRO, M.; LESZCZYNSKI, Cz.; OPECHOWSKA, A.; GARBINSKI J.

Survey of papers on papermaking. Przegl [redacted] 1:  
Supplement: Przegl dokum papier 15 no. 1: 1-2 Ja '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

ZAJACZKOWSKI, B.; LIRO, M.; OPECHOWSKA, A.; LESZCZYNISKI, Cz.;  
GARBINSKI, J.

Review of documentations. Przegl papier 20 no. 4:  
Supplement: Przegl dokum papier 15 no. 4: 1-2 Ap '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRO, M.; LESZCZYNSKI, Cz.; ZAJACZKOWSKI, B.; OPECHOWSKA, A.; GARBINSKI, J.

Abstracts of articles. Przegl papier 20 no.6: Suppl: Przegl dokum  
papier 15 no.5:1-2 Je '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

ZAJACZKOWSKI, B.; GARBINSKI, J.; CZUBRYT, J.; LIRO, M.; LESZCZYNSKI, Cz.;  
OPECHOWSKA, A.

Abstracts of publications on pulp and paper. Przegl. papier.  
20 no.8. Supplement: Przegl. dokum. papier 15 no.7:1-2 Ag'64

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LESZCZYNSKI, Cz.; LIRO, M.; OPECHOWSKA, A.; GARBINSKI, J.; ZAJACZKOWSKI, B.

Abstracts. Przegl papier 20 no.10; Suppl.: Przegl dok  
papier 15 no.9:335-336 0 '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LESZCZYNSKI, Cz.; LIRQ, M.; CZUBRYT, J.; ZAJACZKOWSKI, B.; OPECHOWSKA, A.

Abstracts on papermaking. Przegl papier 20 no.12; Suppl: Przegl  
dok papier 15 no.10; 1-2 D '64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRO, M.; OPECHOWSKA, A.; LESZCZYNSKI, Cz.; CZUBRIT, J.

Abstracts. Przegl papier 21 no.1: Suppl: Przegl dokum papier 16 no.1:  
1-2 Ja '65.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

CZUBRYT, J.; OPECHOWSKA, A.; LESZCZYNSKI, Cz.; LIRO, M.

Abstracts. Przegl papier 21 no.2:Suppl:Przegl dokum p&pier  
16 no.2:1-2 F '65.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRO, M.; OPECHOWSKA, A.; LESZCZYNSKI, Cz.; CZUBRYT, J.; ZAJACZKOWSKI, B.

Review and abstracts of literature on paper manufacture. Przegl  
papier 21 no.4:123-124 Ap '65.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

TOROPOVA, Ye.G.; GAVRIILINA, G.V.; LIROVA, S.A.; IVANOV, K.K.

Formation of antibiotic 6613 in cultures of *Actinomyces daghestanicus*.  
Antibiotiki 4 no.5:11-14 S-0 '59. (MIRA 13:2)

1. Institut po izucheniiu novykh antibiotikov AMN SSSR.  
(ANTIBIOTICS)  
(ACTINOMYCES)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

IVANOV, K.K.; KOVALENKOVA, V.K.; IL'ICHEVA, N.P.; GABRILINA, G.V.; LIROVA, S.A.

Fermentation conditions for organisms producing new antibiotics  
in an experimental plant. Antibiotiki 5 no.1:43-47 Ja-F '60.  
(MIRA 13:8)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.  
(ANTIBIOTICS) (FERMENTATION)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIROVA, S. A., SOKOLOVA, L. B., IVANOV, K. K., GAVRILINA, G. V.,  
and KOVALENKOV, V. K..(USSR)

"Aerobic Respiration of *Actinomyces circulatus*, var. *monomycini*,  
*Proactinomyces actinoides* and other *Actinomycetes* in Deep Culture  
in Fermenters."

Report presented at the 5th International Biochemistry Congress,  
Moscow, 10-16 Aug 1961

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

IVANOV, K.K.; LIROVA, S.A.; DAVYDOVA, T.A.

Determination of the rate of oxygen dissolution and of the intensity  
of respiration of micro-organisms by means of gas analyzers. Lab.  
deco 7 no. 7:45-48 Jl '61. (MIRA 14:6)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.  
(RESPIRATION) (ANTIBIOTICS)

IVANOV, K.K.; GAVRILINA, G.V.; KOVALENKOVA, V.K.; LIROVA, S.A.;  
SOKOLOVA, L.B.; Prinimali uchastiye: BOYARSKAYA, R.V., inzh.;  
PROKHOROVA, T.I., inzh.; SHATILOVA, Z.K., inzh.

Aeration and respiration of actinomycetes and proactinomycetes  
synthesizing antibiotics in fermentors in relation to biochemical  
changes in the culture media. Antibiotiki 6 no.11:984-989 N '61.  
(MIRA 15:3)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.  
(ACTINOMYCETES) (ANTIBIOTICS)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

IYERUSALIMSKIY, N.D.; ANDREYEVA, Ye.A.; LIROVA, S.A.; YERMAKOVA, I.T.

Hydrocarbon oxidation by yeast. Prikl. biokhim. i mikrobiol.  
1 no. 6:601-605 N-D '65. (MIRA 18:12)

1. Institut mikrobiologii AN SSSR. Submitted Jan. 16, 1965.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

28(2)

SOV/115-59-9-5/37

AUTHORS:

Lirs, G.V., Director of the Testing Department

TITLE:

Testing Laboratories of the German Directorate of Measures and Weights

PERIODICAL:

Izmeritel'naya tekhnika, 1959, Nr 9, pp 12-14 (USSR)

ABSTRACT:

The author explains the organization and activities of the Testing Department of the German Directorate of Measures and Weights and especially the functions of the district directorates which are established in the different administrative districts of the GDR. The scientific supervision of these directorates is performed by the scientific departments of the Central Physical-Technological Institute. In administrative districts, where agriculture is predominant, the district directorates have a staff of approximately 20 employees, while this number is increased to 70 for industrial areas. A specialized directorate for testing and calibration of glass instruments, thermometers, etc is located in Ilmenau (Suhl district) and has a staff of 180 employees. The 15 district

Card 1/3

SOV/115-59-9-5/37

Testing Laboratories of the German Directorate of Measures and Weights

directorates and the one specialized directorate employ a total of 765 people. These directorates test at regular intervals all measuring instruments, devices and weights which are subject to state control. In larger towns, there are permanent branch offices of the district directorates. Some testing laboratories of the district directorates are equipped with expensive instruments and for this reason they perform also the work of neighboring directorates which are not equipped with these devices. There are 40 institutions for testing and calibrating electric meters, 68 for gaging gas meters and 250 for calibrating water meters. Some of the district directorates have well-equipped workshops for the entire testing department are located at Ilmenau. The financial activities are handled according to the rule that the revenue must cover at least the expenses of the directorates. The laboratories of the district directorates are equipped according to the requirements of the local industries. For example, a labor-

Card 2/3

SOV/115-59-9-5/37

- Testing Laboratories of the German Directorate of Measures and Weights

atory for checking radio measuring instruments was established in Dresden, where the largest plant producing such measuring instruments is located. Other special laboratories are organized in Halle which is the center of the chemical industry of the GDR. Presently, preparations are made for organizing mobile laboratories for mass testing of weights and similar devices. In the future, defective weights will be exchanged against serviceable ones. The defective weights will be repaired by more efficient methods in the workshops of the directorates. A special training program has been introduced for increasing the qualifications of the employees of the testing laboratories. During the period from 1959-1965, about 152 new specialists are required. The development of the testing laboratories is performed according to a plan, under consideration of the future expansion of the industry in the GDR.

Testing Department of the German Directorate of Measures and Weights

ASSOCIATION:  
Card 3/3

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRTSMAN, M.

Issuing sick leave slips for treatment in sanitariums and health  
resorts. Okhr.truda i sots.strakh. no.4:66-67 O '58.

(MIRA 12:1)

(Sick leave)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRTSMAN, M.

Estimating temporary disability compensations for teachers.

Okhr.truda i sots.strakh. no.7:75-76 Jl '59.

(MIRA 12:11)

(Teachers--Salaries, pensions, etc.)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LIRTSMAN, M.

Trade-union supervision over the payment of social insurance dues.  
Okhr. truda i sots. strakh. 3 no.5:63-65 My '60. (MIRA 13:12)  
(Insurance, Social)

BATYGIN, Konstantin Stepanovich; LIRTSMAN, Mikhail Isaakovich;  
TREFILOV, Ivan Mitrofanovich; DENISOVA, I.S., red.;  
MARKOCH, K.Ye., tekhn. red.

[State insurance allowances; commentary on the legislation  
in effect]Posobila po gosudarstvennomu strakhovaniu; kom-  
mentarii k deistvuiushchemu zakonodatel'stviu. 2., dop. izd.  
Moskva, Profizdat, 1962. 320 p. (MIRA 16:3)  
(Insurance)

LIRTSMAN,  
LIRTSMAN, R. I.

"Concerning the Induction Problem of a Neural Plate  
Through Extractive and Synthetic Preparations," Dok.  
AN, 27, No. 5, 1940. Inst. Zoology and Bio-  
Chemistry, Acad. of Sci., Ukr. 1940-.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRTSMAN, R.I.

Carbonic anhydrase and chromium index in wound sepsis. Medych.  
zhur. 17:308-316 '47. (MIRA 11:1)

1. Z Ukrains'kogo institutu klinichnoi meditsini (direktor -  
akad. M.D.Strazhesko)  
(CARBONIC ANHYDRASE) (CHROMIUM) (WOUNDS)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

LIRTSMAN, R.I.

LIRTSMAN, R.I., kand.biolog.nauk; MORSYNIS, B.I.

Carbonic anhydrase and catalase in the blood in cases of hyperthyreosis. Medich.zhur. 21 no.6:80-91 '51. (MIRA 11:1)

1. Z Ukrains'kogo institutu klinichnoi meditsini (direktor akad.  
M.D.Strazhesko)  
(CARBONIC ANHYDRASE) (CATALASE) (HYPERTHYROIDISM)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

BELOTSVETOV, A.V.; LIRTSMAN, S.M.; DECHEV, Kh.I.

Pay greater attention to the lighting of shoe factories.  
Kozh.-obyv. prom. 7 no.6:4-6 Je '65. (MIRA 18:8)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

KASAVINA, B.S.; ZENKEVICH, G.D.; RIKHTER, A.I.; LAUFER, A.L.; LIRTSMAN, V.M.;  
MARKOVA, O.N.; Prinimali uchastiye: ARENBERG, A.A.; AGAPOVA, N.A.;  
SMIRNOVA, G.V.

Some enzyme-substrate systems in the process of regeneration of the  
bony tissue. Eksper. khir. i anest. 7 no.4:56-63 Jl-Ag '62.  
(MIRA 17:5)

1. Iz biokhimicheskoy laboratorii (zav. - doktor biolog. nauk  
B.S.Kasavina) TSentral'nogo instituta travmatologii i ortopedii  
(dir. - doktor med. nauk M.V.Volkov) Ministerstva zdravookhraneniya  
SSSR i kafedry histologii (zav. - prof. L.I.Falin) Moskovskogo  
meditsinskogo stomatologicheskogo instituta.

KASAVINA, B.S.; LIRTSMAN, V.M.; MUZYKANT, L.I.

Mucopolysaccharides in the process of tissue regeneration;  
on the role of hyaluronic acid in the process of wound  
regeneration. *Ekspер.khir.* 4 no.4:12-15 Jl-Ag '59.  
(MIRA 12:11)

1. Iz TSentral'nogo instituta travmatologii i ortopedii  
Ministerstva zdravookhraneniya SSSR (dir. - deystvitel'nyy  
chlen AMN SSSR prof.N.N.Priorov).  
(REGENERATION pharmacol)  
(HYALURONIC ACID pharmacol)

LIRTSMAN, V. M.

High oblique subtrochanteric osteotomy in the treatment of ununited  
medial fractures and pseudarthroses of the femoral neck. Vest.  
khir. no.2:82-87 '62. (MIRA 15:2)

1. Iz travmatologicheskogo otdeleniya (zav. - doktor med. nauk  
A. V. Kaplan) TSentral'nogo instituta travmatologii i ortopedii  
Ministerstva zdravookhraneniya SSSR. Adres avtora: Moskva, Teplyy  
per., d. 16, TSentral'nyy institut travmatologii i ortopedii.

(FEMUR—FRACTURE) (PSEUDARTHROSIS)  
(OSTEOTOMY)

LIRTSMAN, V. M. (g. Babushkin, Moskovskoy obl., ul Kominterna, d. 30/6, kv.18)

Treatment of unknit fractures and pseudarthroses of the femoral neck by osteosynthesis with 3-pronged nails. Ortop., travm. i protez. no.1:23-28 '62. (MIRA 15:2)

1. Iz travmatologicheskogo otdeleniya (zav. - d-r med. nauk A. V. Kaplan) TSentral'nogo instituta travmatologii i ortopedii (dir. - deystvitel'nyy chlen AMN SSSR prof. N. N. Priorov[deceased])

(INTERNAL FIXATION IN FRACTURES) (PSEUDARTHROSIS)  
(FEMUR--DISEASES)

BERMAN, A.M.; LIRTSMAN, V.M. (Moskva)

Pathological anatomical changes in the femur heads in ununited  
medial fractures and false joints of the neck. Arkh. pat. no.1;  
54-60 '63. (MIRA 17:10)

1. Iz patologoanatomicheskogo otdela (zav.- zasluzhennyj deyatel'  
nauki prof. T.P. Vinogradova) TSentral'nogo instituta travmatologii  
i ortopedii Ministerstva zdravookhraneniya SSSR (dir.- doktor  
med. nauk M.V. Volkov).

LIRTSMAN, V. M.

Surgical treatment of ununited medial fractures and false joints  
of the femoral neck. Khirurgiia 38 no.5:85-92 My '62.  
(MIRA 15:6)

1. Iz travmatologicheskogo otdeleniya (zav. - doktor meditsinskikh  
nauk A. V. Kaplan) TSentral'nogo instituta travmatologii i orto-  
pedii (dir. - deystvitel'nyy chlen AMN SSSR prof. N. N. Priorov  
[deceased] Ministerstva zdravookhraneniya SSSR.

(PSEUDARTHROSIS) (FEMUR--FRACTURE)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

LIRUMAN, E. S., NOVIK, V. S. and KHATENEV, L. M.

"Vaccinotherapy of Patients Suffering from Lymphadenitis". In Nesterov et al. pp. 113-130, 1946.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110002-5

MAKSIMOV, I.; LIRYUKHIN, A.M., inzh.

New tractors. Nauka i zhizn' 25 no.8:49 Ag '58. (MIRA 11:9)  
(Tractors)

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CIA-RDP86-00513R000930110002-5"

LIS, A.

Life demands this. Za rul. 20 no.4:8 Ap '62. (MIRA 15:5)

1. Nachal'nik Upravleniya passazhirskikh perevozok Glavnogo  
upravleniya avtomobil'nogo transporta pri Sovete Ministrov BSSR,  
Minsk.

(White Russia—Automobiles, Rental)

LIS, A.G.

Problems in developing the economy of the White Russian S.S.R.  
Izv. AN SSSR. Ser. geog. no. 4:77-82 Jl-Ag '61. (MIRA 14:7)

1. Sovet po izucheniyu proizvoditel'nykh sil Gosekonomsoveta  
SSSR. (White Russia--Economic policy)

L 8860-46 EWT(m)/EWP(j)/T WW/RM

ACC NR: AP5025966

SOURCE CODE: UR/0190/65/007/010/1792/1795

4/51

AUTHOR: Rostovskiy, Ye. N.; Lis, A. L.; Arbuzova, I. A. 4/55

47  
BORG: Institute of Macromolecular Compounds, AN SSSR (Institut  
vysokomolekulyarnykh soyedineniy AN SSSR) 4/11TITLE: Cyclic polymerization of glycidyl crotonate<sup>7</sup> 4/45SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 10, 1965,  
1792-1795TOPIC TAGS: organic chemical, polymerization, catalytic polymerization,  
radical polymerization, polymer structure, linear polymer, reaction  
mechanism, epoxy plasticABSTRACT: The synthesis and properties of polyglycidylcrotonate were  
investigated. Polymerization attempted in the presence of tert. butyl-  
peroxide as radical initiator gave, after prolonged heat treatment at  
120°, only a 35% yield of a polymer containing double bonds and epoxide  
groups. In the presence of the cationic catalyst boron fluoride ether-  
ate glass, linear or three-dimensional polymers, stable at 130 and  
150°, were obtained. From chemical analyses, IR spectral data, and  
polymer properties it was concluded the polymerization was effected  
by the reaction of a crotonic bond and the alpha-oxide ring to form

UDC: 66.095.26+678.714

Card 1/2

L 8860-56

ACC NR: AP5025966

cyclic polymers. Possible reaction mechanism for this polymerization  
is discussed. Orig. art. has: 1 figure and 1 equation.

SUB CCDE: OC/ SUBM DATE: 23Nov64/ ORIG REF: 003/ OTH REF: 001

2/11  
Card 2/2

LIS, Bronislaw

LIS, Bronislaw

Straty energetyczne w sieciach elektroenergetycznych. Warszawa, Państwowe Wydawn. Techniczne, 1950. 135 p. [Loss of Power in Electrical Systems; a Textbook. Bibl., tables]

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,  
October 1953. Unclassified.

LIS, B.

Economizing on electric energy. p. 206. CHEMIK. Katowice. Vol. 8,  
no. 7/8, July/Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

LIS, B.

621.311.153

✓ 054. CALL FOR A REDUCTION IN LOAD DURING PEAK HOURS AND SAVING OF ELECTRIC POWER BY INDUSTRY.

B.Lis.

Energetyka, Vol. 9, No. 5, 247-52 (1955). In Polish.

Shortage of generating equipment to meet seasonal morning and evening peak loads requires the restriction of the demands of large industrial users during peak hours. Their monthly output may remain unchanged with suitable daily and monthly production schedules. Considerable savings may result from elimination of excessive electric lighting, idling of motors, installations with excessive transformer and motor ratings, poor maintenance of transformers and motors, faulty wiring, waste of power in compressed air supply systems with leaky piping and operation at low power factors.

J.Lukaszewica

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CIA-RDP86-00513R000930110002-5

LIS, E.

New electric-power rates for industry. p.49.  
ENERGETYKA (Ministerstwo Energetyki) Stalinogrod  
Vol. 10, no. 1, Jan./Feb. 1956

Sov East European Accessions List Vol. 5, No. 9 September 1956

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CIA-RDP86-00513R000930110002-5"

LIS, B.

"1957/58 fall and winter peak in Polish electric-power engineering."

p. 305 (Wiadomosci Elektrotechniczne) Vol. 17, no. 12, Dec. 1957  
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

LIS, B.

New rates of electric power for industry. p. 136

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektrykow Polskich) Bytom, Poland. Vol. 13, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.  
Uncl.